

CLAIMS

1. Floatable unit (20), such as liferaft or platform,
having a first side (21) facing a vessel side (22) and a
5 second side (23) facing away from the vessel side (22),
said floatable unit (20) comprising a mooring system
(28), **characterised in that** the mooring system (28) com-
prises at least two back springs (2) which are in connec-
tion with the first side (21) of the floatable unit (20),
10 said back springs (2) being adapted to control the float-
able unit (20) in a longitudinal direction in relation to
the vessel (30), at least one strap (1) which is in con-
nection with the second side (23) of the floatable unit
(20), said strap (1) being adapted to control the float-
15 able unit (20) in a transverse direction in relation to
the vessel (30), and said back springs (2) and said strap
(1) being connected to the vessel (30).

2. Floatable unit (20) according to claim 1, wherein the
20 mooring system (28) comprises at least two mooring lines
(32) which are in connection with the strap (1) and the
back springs (2), respectively, said mooring lines (32)
being connected to the vessel (30).

25 3. Floatable unit (20) according to claim 2, wherein be-
tween the mooring lines (32) and the strap (1) and/or be-
tween the mooring lines (32) and the back springs (2)
there is arranged at least one flexible element (3).

30 4. Floatable unit (20) according to claim 2, wherein an
flexible element (3) is arranged in the ends of the back
springs (2) and/or in the ends of the strap (1) facing
the vessel (30).

5. Floatable unit (20) according to any of the previous claims, wherein the strap (1) is lead alongside the second side (23), so as to provide an encircling of the floatable unit (20), and each end of the strap (1) are connected to the vessel (30).

6. Floatable unit (20) according to any of the previous claims, wherein the mooring system (28) comprises two straps (1), in which one end of the straps (1) are fixed to the second side (23) of the floatable unit (20) and the other end of the straps (1) are connected to the vessel (30).

7. Floatable unit (20) according to any of the previous claims, wherein the back springs (2) are fixed substantially to the centre (42) of the first side (21) and extends outward towards the vessel (30).

8. Floatable unit (20) according to any of the previous claims, wherein the strap (1) is held in position on the second side (23) by strap attachments (12), in which the strap (1) is able to move sideways.

9. Floatable unit (20) according to any of the previous claims, wherein the floatable unit (20) is inflatable, and the unit (20) comprises at least two inflatable chambers (25, 26) arranged on top of each other.

10. Floatable unit (20) according claim 8 to 9, wherein the strap attachments (12) are placed so as it extends from the first chamber (26) to the second chamber (25) of the floatable unit (20).

11. Mooring system (28) for a floatable unit (20), such as liferaft or platform, said floatable unit (20) having a first side (21) facing a vessel side (22) and a second side (23) facing away from the vessel side (22), **characterised in that** the mooring system (28) comprises at least two back springs (2) which are in connection with the first side (21) of the floatable unit (20), said back springs (2) being adapted to control the floatable unit (20) in a longitudinal direction in relation to the vessel (30), at least one strap (1) which is in connection with the second side (23) of the floatable unit (20), said strap (1) being adapted to control the floatable unit (20) in a transverse direction in relation to the vessel (30), and said back springs (2) and said strap (1) being connected to the vessel (30).

12. Mooring system (28) according to claim 11, wherein at least two mooring lines (32) are arranged, said mooring lines (32) are in connection with the strap (1) and the back springs (2), respectively.

13. Mooring system (28) according to claim 12, wherein between the mooring lines (32) and the strap (1) and/or between the mooring lines (32) and the back springs (2) there are arranged at least one flexible element (3).

14. Use of a mooring system (28) for a floatable unit (20), such as liferaft or platform, said floatable unit (20) having a first side (21) facing a vessel side (22) and a second side (23) facing away from the vessel side (22), the mooring system (28) comprises at least two back springs (2) which are in connection with the first side

23

(21) of the floatable unit (20), said back springs (2) being adapted to control the floatable unit (20) in a longitudinal direction in relation to the vessel (30), at least one strap (1) which is in connection with the second side (23) of the floatable unit (20), said strap (1) being adapted to control the floatable unit (20) in a transverse direction in relation to the vessel (30), and said back springs (2) and said strap (1) being connected to the vessel (30).

10